

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
14 July 2005 (14.07.2005)

PCT

(10) International Publication Number
WO 2005/063473 A1

(51) International Patent Classification⁷: B29D 11/00

(21) International Application Number: PCT/EP2004/014882

(22) International Filing Date: 30 December 2004 (30.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 10/750,145 31 December 2003 (31.12.2003) US

(71) Applicant (for all designated States except US): ES-SILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE) [FR/FR]; 147, rue de Paris, F-94227 Charenton Cedex (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): JIANG, Peiqi [JP/US]; 1410 Norris Way, Tarpon Springs, FL (US). WEBER, Steven [US/US]; 14045 Egret Lane, Clearwater,

FL 33762 (US). ADILEH, Fadi, O. [US/US]; 11120 120th Terrace North, Largo, FL 33778 (US).

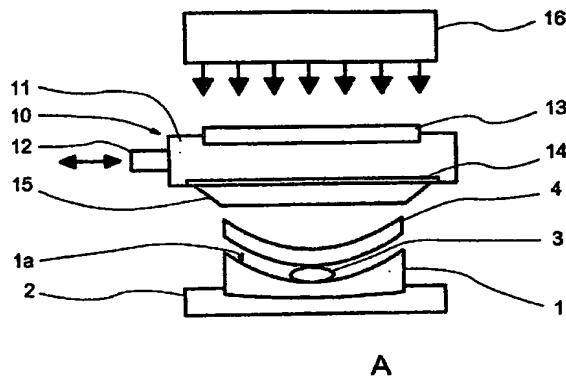
(74) Agents: CATHERINE, Alain et al.; Cabinet Harle et Philip, 7, rue de Madrid, F-75008 Paris (FR).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

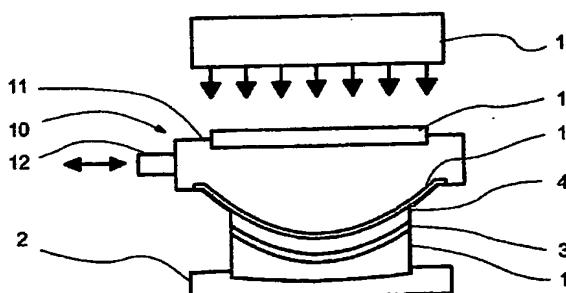
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: PROCESS FOR MAKING A COATED OPTICAL LENS FREE OF VISIBLE FINING LINES



A



B

(57) Abstract: The invention concerns a process for making a coated optical lens blank free of visible fining lines which comprises : (ix) providing an optical article having at least one fined but unpolished geometrically defined main face ; (x) providing a mold part having an internal and external surface; (xi) depositing on said main face of said optical article or on the internal surface of the mold part a requisite amount of a liquid curable coating composition ; (xii) moving relatively to each other the optical article and the mold part to either bring the coating composition into contact with the main face of the optical article or into contact with the internal face of the mold part; (xiii) applying pressure to the mold part to spread the liquid curable coating composition on said main face and form a uniform liquid coating composition layer onto the main face; (xiv) curing the liquid coating composition layer; (xv) withdrawing the mold part; and recovering the free of visible fining lines coated optical article.

WO 2005/063473 A1



FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*